

1, 2, 3 & 6

CLAIMS

I Claim:

Claim 1 - An apparatus for collecting thrombin and clotting proteins, comprising,
in combination:

a first conduit operatively connected to a source of thrombin; and

a second conduit operatively connected to a source of clotting proteins,

each said conduit operatively connected to a plurality of dispensing means.

Claim 2 - The apparatus of claim 1 wherein said dispensing means are clustered in pairs, with one of each said pair receiving thrombin and the other receiving clotting proteins.

Claim 3 - The apparatus of claim 2 wherein each pair is ensconced in a membrane.

Claim 4 - The apparatus of claim 3 wherein said dispensing means are equipped with a removable fitting for connection to each said conduit.

Claim 5 - The apparatus of claim 4 wherein said membrane opens at an end opposite said conduits, whereby removal or adjustment of said dispensing means may occur.

Claim 6 - The apparatus of claim 5 wherein said membrane includes a gathered portion of accordion folds, whereby expansion of said dispensing means causes said gathered portion of accordion folds to unfold.

Claim 7 - The apparatus of claim 6 wherein each said pair is held together by a frame, said frame including a retaining member.

Claim 8 - The apparatus of claim 7 wherein said dispensing means are received by spraying means, said spraying means having means for simultaneous delivery of the thrombin and clotting proteins.

Claim 9 - The apparatus of claim 8 wherein a plurality of said dispensing means in said spraying means are received by heating means, whereby contents of said dispensing means are maintained at a desired temperature until dispensed.

Claim 10 - The apparatus of claim 7 wherein a plurality of said dispensing means are received by heating means, whereby contents of said dispensing means are maintained at a desired temperature until dispensed.

Claim 11 - A method for loading dispensing means with thrombin and clotting proteins, the steps including:

- attaching a plurality of said dispensing means to separate dispensing lines containing thrombin and clotting proteins;

- manipulating said plurality of dispensing means to purge air in each of said dispensing lines; and

- sequentially filling said plurality of dispensing means through each of said dispensing lines.